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Published:

- with international search report
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HERBICIDAL COMPOSITION

(57) Abstract: A herbicidal composition comprising as active ingredient a mixture of a) at least one compound selected from tritosulfuron, flufenacet and propoxycarbazone (sodium), and b) a synergistically effective amount of at least one compound selected from the compounds of the group amidosulfuron, bentazone, bifenox, diflufenican, dicamba, dimethenamid, flurtamone, glufosinate, fenoxaprop-P-ethyl, iodosulfuron-methyl (sodium), bromoxynil, ioxynil, beflubutamid, imazosulfuron, cinidon-ethyl, 2,4-D, MCPA, MCPP, picolinafen, pendimethanlin, pyraflufen, imazethapyr, imazapic, imazapyr, imazaquin, imazamox and imazamethabenzmethyl, with the proviso that the mixtures of tritosulfuron with beflubutamid, tritosulfuron with mesosulfuron, tritosulfuron with iodosulfuron-methyl (sodium), tritosulfuron with ioxynil, tritosulfuron with dicamba, tritosulfuron with cinidon-ethyl, tritosulfuron with 2,4-D, picolinafen with cinidon-ethyl, flufenacet with picolinafen, flufenacet with fenoxaprop-P-ethyl, flufenacet with jodosulfuron-methyl (sodium), flufenacet with beflubutamid, flufenacet with mesosulfuron, flufenacet with cinidon-ethyl, flufenacet with imazamox, flufenacet with bifenox, flufenacet with diflufenican, flufenacet with flurtamone, flufenacet with glufosinate, flufenacet with pendimethalin, flufenacet with ioxynil, propoxycarbazone (sodium) with amidosulfuron, propoxycarbazone (sodium) with diflufenican, propoxycarbazone (sodium) with fenoxaprop-P-ethyl, propoxycarbazone (sodium) with iodosulfuron-methyl (sodium), propoxycarbazone (sodium) with bromoxynil, propoxycarbazone (sodium) with ioxynil, propoxycarbazone (sodium) with mesosulfuron, propoxycarbazone (sodium) with bifenox, propoxycarbazone (sodium) with flurtamone, propoxycarbazone (sodium) with picolinafen and propoxycarbazone (sodium) with glufosinate are excluded.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A01N47/36 A01N43/82 A01N47/38 //(A01N47/38,61:00),(A01N47/36,61:00),(A01N43/82,61:00)						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)						
IPC 7 A01N						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)						
EPO-In	ternal, WPI Data, PAJ, BIOSIS, CHEM A	ABS Data				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relev	Relevant to claim No.				
P,X	WO 03/009684 A (BAYER CROP SCIENCE GMBH;BIERINGER HERMANN (DE); HUFF HANS PHILIPP) 6 February 2003 (2003-02-06) claim 1		1-3			
×	WO 01/035741 A (FEUCHT DIETER ;BAYER AG (DE); DAHMEN PETER (DE); KREMER MATHIAS (D) 25 May 2001 (2001-05-25) example A		1-3			
A	WO 01/074157 A (BASF AG) 11 October 2001 (2001-10-11) claim 4					
Further documents are listed in the continuation of box C. X Patent family members are listed in annex.						
* Special categories of cited documents : T later document published after the international filing date or priority date and not in conflict with the application but						
"A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention						
"E" earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to						
"L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone						
which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means and the combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled						
other means "P" document published prior to the international filling date but later than the priority date claimed "8" document member of the same patent family						
Date of the	Date of the actual completion of the international search Date of mailing of the international search report					
7 October 2003		0 6. 02. 04 C				
Name and mailing address of the ISA Authorized officer						
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Bertrand, F				



Inter application No. PLI/EP 03/08791

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)					
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:					
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:					
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:					
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)					
This International Searching Authority found multiple inventions in this international application, as follows:					
see additional sheet					
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.					
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:					
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:					
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.					

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claim: INVENTION 1

synergistic herbicidal composition containing tritosulfuron and amidosulfuron

2. claims: INVENTIONS 2-53

the 52 other synergistic herbicidal compositions resulting from the combination of the 3 first components and the 27 second components (=81 combinations) minus the first invention listed above and minus the 28 exceptions listed in present claim 1.



on on patent family members

PCT/EP 03/08791

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